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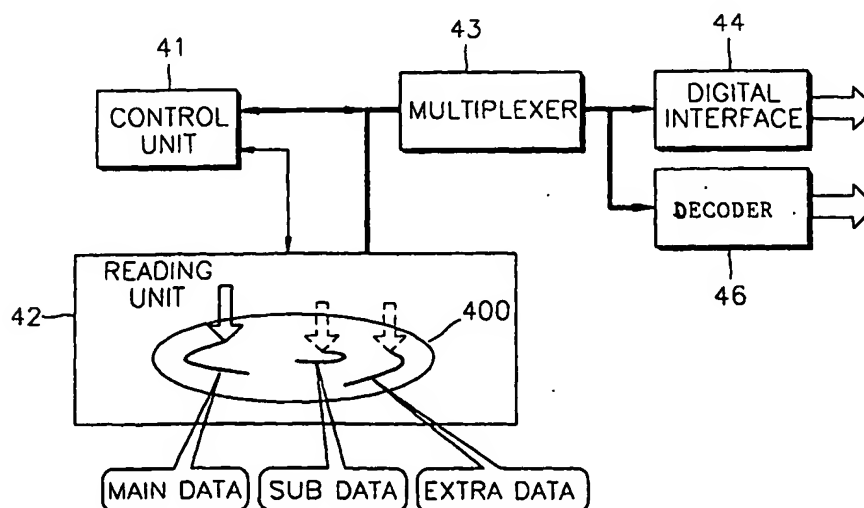
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(54) **Recording and reproducing multiple bitstreams in a data storage medium**

(57) A data storage medium (400) in which multiple bitstreams are recorded, an apparatus and method for recording the multiple bitstreams, and an apparatus and method for reproducing the multiple bitstreams are provided. The reproducing apparatus includes: a reading unit (42) for reading main data including audio data and/

or video data, and reading sub data recorded in a separate bitstream from the main data, which is later reproduced in synchronization with the main data; and a multiplexer (43) for multiplexing the main data and sub data read by the reading unit. Therefore, multiple bitstreams can be read and reproduced at the same time.

**FIG. 4**





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# EUROPEAN SEARCH REPORT

Application Number  
EP 01 31 0666

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The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>7 November 2003</b>	Examiner <b>Maetz, A</b>
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>			

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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